

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

2007 Model Year Certificate of Conformity

Manufacturer: **Electro-Motive Diesel, Inc.**
Certificate Number: **EMD-LOC-07-03**
Effective Date: **AUG 14 2006**
Date Issued: **AUG 14 2006**


Karl J. Simon
Acting Director
Compliance and Innovative Strategies Division

Pursuant to Section 213 of the Clean Air Act (42 U.S.C. section 7547) and 40 CFR 92, and subject to the terms and conditions prescribed in those provisions, this certificate of conformity is hereby issued with respect to the remanufacturing kit which has been found to conform to applicable requirements and which may be utilized with only the following locomotive engines, by engine family, more fully described in the documentation required by 40 CFR 92 and produced in the stated model year.

Locomotive Engine Family (Remanufacturing Kit): **7EMDK16.5ES2**

Locomotive Models: (Models which appear to be duplicates are part of a different engine model/locomotive model combination.)

SD90MAC
SD90MAC
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Locomotive Model Years: 1998 to 2000

The rebuild kit includes:

INJECTION PUMP
NOZZLE HOLDER ASSEMBLY (FUEL INJECTOR)
ORIFICE
CAM GEAR
ENGINE CONTROL COMPUTER SOFTWARE
ENGINE EMISSIONS LABEL AND LAMINATE
LOCOMOTIVE EMISSIONS LABEL AND LAMINATE
INSTALLATION INSTRUCTIONS
REGISTRATION CARD

In addition, parties who install this remanufacturing kit must also ensure that the base engine contains the following parts, more fully described in the Application for Certification for this kit:

PISTONS	COMBUSTION RINGS
CYLINDER LINERS	TURBOCHARGERS
CYLINDER HEADS	AFTERCOOLERS

This certificate of conformity is conditional upon compliance of said manufacturer with the provisions of 40 CFR Part 92, Subpart D. Failure to comply with these provisions may render this certificate void ab initio.

This certificate of conformity covers only those locomotive remanufacturing kits which conform in all material respects to the design specifications that applied to those kits more fully described in the Application for Certification required by 40 CFR 92 and which are produced during the model year stated on this certificate of the said manufacturer, as defined in 40 CFR 92.

	switch	line haul	passenger
NOx FEL			
PM FEL	0.39		

It is a term of this certificate that the manufacturer shall consent to all inspections described in 40 CFR 92.215(d)(1) and 92.504 and authorized in a warrant or court order. Failure to comply with the requirements of such a warrant or court order may lead to revocation or suspension of this certificate for reasons specified in 40 CFR 92. It is also a term of this certificate that this certificate may be revoked or suspended or rendered void ab initio for other reasons specified in 40 CFR 92.